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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	M02B166
First Named Inventor	GRANT et al.
COMPLETE IF KNOWN	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROCHEMICAL SOLID ELECTROLYTE SENSOR FOR THE DETECTION OF OXYGEN, HYDROCARBONS AND MOISTURE IN VACUUM ENVIRONMENTS

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
PCT/GB2004/000934 0308939.8	GB	03-05-2004 04-17-2003	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> The address associated with Customer Number:	020411	OR <input type="checkbox"/>	Correspondence address below
<p>Name Ira Lee Zebrak</p> <p>Address The BOC Group, Inc., Legal Services-Intellectual Property 575 Mountain Ave.</p>					
City Murray Hill		State NJ	ZIP 07974		
Country USA		Telephone 908-771-6469	Email Ira.Zebrak@boc.com		
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any]) ROBERT BRUCE			Family Name or Surname GRANT		
Inventor's Signature 				Date 22/08/05	
Residence: City Steyning, West Sussex	State	Country United Kingdom	Citizenship United Kingdom		
<p>Mailing Address Mill House, 126 High Street</p>					
City Steyning, West Sussex	State	Zip BN44 3RD	Country United Kingdom		
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any]) PATRICK			Family Name or Surname DAVIS		
Inventor's Signature				Date	
Residence: City Dundrum, Newcastle, Co. Down	State	Country Northern Ireland	Citizenship United Kingdom		
<p>Mailing Address 1 Castle Heights</p>					
City Dundrum, Newcastle, Co. Down	State	Zip BT33 0RY	Country Northern Ireland		
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>one</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
CAROLYN		HUGHES	
Inventor's Signature	<i>Ctthughes</i>		Date <u>22nd August 2005</u>
Forest Row, East Sussex Residence: City	State	United Kingdom Country	United Kingdom Citizenship
3 Triangle Cottages, Highgate Road			
Mailing Address			
Forest Row, East Sussex City	State	RH18 5AZ Zip	United Kingdom Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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PTO/SB/01 (04-05)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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(Title of the Invention)

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OR

 was filed on (MM/DD/YYYY) _____ as United States Application Number or PCT International

Application Number: _____ and was amended on (MM/DD/YYYY) _____ (If applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
PCT/GB2004/000934	GB	03-05-2004	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0308939.8	GB	04-17-2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Name					
Ira Lee Zembrak					
Address					
The BOC Group, Inc., Legal Services-Intellectual Property 575 Mountain Ave.					
City Murray Hill		State NJ	ZIP 07974		
Country USA		Telephone 908-771-6469	Email ira.Zembrak@boc.com		
I hereby declare that all statements made herein of my own knowledge are true; and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle, if any) ROBERT BRUCE		Family Name or Surname GRANT			
Inventor's Signature				Date	
Residence: City Steyning, West Sussex		State	Country United Kingdom	Citizenship United Kingdom	
Mailing Address Mill House, 126 High Street					
City Steyning, West Sussex		State	Zip BN44 3RD	Country United Kingdom	
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle, if any) PATRICK		Family Name or Surname DAVIS			
Inventor's Signature		Date 16.9.05			
Residence: City Dundrum, Newcastle, Co. Down		State	Country Northern Ireland	Citizenship United Kingdom	
Mailing Address 1 Castle Heights					
City Dundrum, Newcastle, Co. Down		State	Zip BT33 0RY	Country Northern Ireland	

Additional inventors or a legal representative are being named on the one supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

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Supplemental Sheet**

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle (if any)) CAROLYN		Family Name or Surname HUGHES	
Inventor's Signature		Date	
Forest Row, East Sussex Residence: City	State	United Kingdom Country	United Kingdom Citizenship
3 Triangle Cottages, Highgate Road			
Mailing Address			
Forest Row, East Sussex City	State	RH18 5AZ Zip	United Kingdom Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
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Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	
Filing Date	
First Named Inventor	GRANT et al.
Title	Electrochemical Solid Electrolyte . . .
Art Unit	
Examiner Name	
Attorney Docket Number	M02B166

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

 Practitioners associated with the Customer Number:

020411

OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number:

OR

 The address associated with Customer Number:
OR

<input checked="" type="checkbox"/> Firm or Individual Name	The BOC Group, Inc.		
Address	Legal Services-Intellectual Property 575 Mountain Ave.		
City	Murray Hill	State	NJ
Country	USA		
Telephone	908-771-6469	Email	Ira.Zembrak@boc.com

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature		Date	22 nd August '05
Name	ROBERT BRUCE GRANT	Telephone	
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

 *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/81 (04-05)

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U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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Application Number:	
Filing Date:	
First Named Inventor:	GRANT, et al.
Title:	Electrochemical Solid Electrolyte...
Art Unit:	
Examiner Name:	
Attorney Docket Number:	M02B166

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OR

 The address associated with Customer Number:

OR

 Firm or Individual Name: The BOC Group, Inc.Address: Legal Services-Intellectual Property,
575 Mountain Ave.

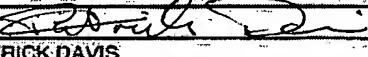
City: Murray Hill State: NJ Zip: 07974

Country: USA

Telephone: 908-771-6469 Email: Ira.Zebrak@boc.com

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature		Date	16. 9.05
Name	PATRICK DAVIS	Telephone	
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required; see below.

 Total of forms are submitted.

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*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)***SIGNATURE of Applicant or Assignee of Record**

Signature	<i>C. Hughes</i>	Date	<i>22nd August 2005</i>
Name	CAROLYN HUGHES	Telephone	
Title and Company			

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